

ABSTRACT OF THE DISCLOSURE

The cleaning-friendly apparatus, such as a household kitchen appliance, which is suitable for heating food and/or in direct connection with these units, has a suitable long-lasting or permanent easily cleaned coating on its surfaces that are accessible to dirt. In order to provide this easily cleaned coating a mixture is applied to these surfaces, which contains a hydrolyzable, network-forming gel and a hydrophobic substance. The gel is preferably formed from SiO_2 , Al_2O_3 , Fe_2O_3 , In_2O_3 , SnO_2 , ZrO_2 , B_2O_3 and/or TiO_2 . The hydrophobic substance is preferably chemically combined with the gel network.